

## ABSTRACT

In one aspect the present invention provides a multilayer hose comprising an inner layer surrounded by a first layer of reinforcement material around which is formed a second layer of reinforced material and over which is placed an outer cover, in which the two reinforcement layers have an intermediate layer of elastomeric material applied as a water-based emulsion. In another aspect of the invention there is a method of producing a multilayer hose of the type comprising internal and external flexible resilient layers between which is located a reinforcement layer, in which inner and outer reinforcement layers have an intermediate bonding layer; the said method comprising the steps of: providing a first reinforcement layer over the said internal flexible resilient layer; applying a water-based elastomeric emulsion over the said first reinforcement layer to form an intermediate layer; drying the said water-based emulsion to reduce the moisture content thereof; providing a second reinforcement layer over the said elastomeric layer and subsequently curing the said elastomeric layer to bond the two reinforcement layers together.